Journal of Ethnopharmacology, 20 (1987) 307–308
Elsevier Scientific Publishers Ireland Ltd.

CONTENTS

Volume 20

GOSSYPOL SPECIAL ISSUE

Analysis of gossypol by high performance liquid chromatography. 1
M.-Z. Wang (Beijing, China)

Resolution of racemic gossypol 13
L. Huang, D.-K. Zheng and Y.-K. Si (Beijing, China)

Effect of (−)- and (+)-gossypol on fertility in male rats 21
N.-G. Wang, L.-F. Zhou, M.-H. Guan and H.-P. Lei (Beijing, China)

Effect of (±)-, (+)- and (−)-gossypol on the lactate dehydrogenase-X activity of rat testis. 25
K.-Q. Yao, Q.-M. Gu and H.-P. Lei (Beijing, China)

Comparative study on the metabolism of optical gossypol in rats 31
Q.-Q. Chen, H. Chen and H.-P. Lei (Beijing, China)

Effect of gossypol acetic acid on the epididymis: histochemical and scanning electron microscope studies. 39
L.-F. Zhou, S.-Q. Qi and H.-P. Lei (Beijing, China)

Effects of gossypol acetic acid on rat luteal cells in vitro 45
N.-G. Wang, M.-Z. Guan and H.-P. Lei (Beijing, China)

Hepatotoxicity of gossypol in rats 53
Y. Wang and H.-P. Lei (Beijing, China)

Probing into the mechanism of action, metabolism and toxicity of gossypol by studying its (+)- and (−)-stereoisomers 65
Y.-W. Yu (Beijing, China)

BOOK REVIEW 79

RESEARCH PAPERS

Ichthyotoxic activities of *Ateleia glazioviana* Baill. and *Thinouia coriacea* Britt. 81
G. González Ortega and E.P. Schenkel (Porto Alegre, Brazil)

Comparison of the skeletal muscle relaxant properties of *Portulaca oleracea* extracts with dantrolene sodium and methoxyverapamil 85
F. Okwuasaba, C. Ejike and O. Parry (Jos, Nigeria)

Vasodilator effects of cepharanthine, a biscoclaurine alkaloid, on cutaneous microcirculation in the rabbit 107
M. Asano, C. Ohkubo, A. Sasaki, K. Sawanobori and H. Nagano (Tokyo, Japan)

Natural constituents of *Ilex* species 121
F. Alikaridis (London, U.K.)

Ethnobotanical inventory of medicinal plants used by the Guaymi Indians in Western Panama. Part I 145
L.G. Joly, S. Guerra, R. Séptimo, P.N. Solís, M. Correa, M. Gupta, S. Levy and F. Sandberg (Panama and Uppsala, Sweden)

On the ethnomedical significance of the Arjun tree, *Terminalia* arjuna (Roxb.) Wight & Arnot 173
D.S. Kumar and Y.S. Prabhakar (Coimbatore, India)

REVIEW PAPER
An integrated approach to the pharmacological evaluation of traditional materia medica 191
G.A. Kyerematen and E.O. Ogunlana (Uppsala, Sweden)

RESEARCH PAPERS
Traditional medicine of Baja California Sur (Mexico) II 209
R. Encarnación Dimayuga, R. Fort Murillo and M. Luis Pantoja (La Paz, Mexico)
Screening of antimicrobial activity of plants popularly used in Guatemala for the treatment of dermatomucosal diseases 223
A. Cáceras, L.M. Girón, S.R. Alvarado and M.F. Torres (Guatemala, Central America)
Antihepatotoxic actions of *Cochlospermum tinctorium* rhizomes 239
B. Diallo, M. Vanhaelen, Y. Kiso and H. Hikino (Bruxelles, Belgium and Sendai, Japan)
Repertory of drugs and medicinal plants used in traditional medicine of Afghanistan 245
C. Younos, J. Fleurentin, D. Notter, G. Mazars, F. Mortier and J.-M. Pelt (Metz, Nancy and Strasbourg, France)

ABSTRACT SECTION 291
SUBJECT INDEX – Volume 20 303
AUTHOR INDEX – Volume 20 305
CONTENTS – Volume 20 307